

BOOK REVIEW

SIMON GILROY and PATRICK H. MASSON (EDS.). 2008. **Plant Tropisms**. (ISBN-13: 978-0-8138-2323-2, hbk.). Blackwell Publishing Professional, 2121 State Avenue, Ames, Iowa 50014, U.S.A. (**Orders:** 1-800-862-6657, <http://www.wiley.com/WileyCDA/WileyTitle/productCd-0813823234.html>). \$230.00, 240 pp., 7" × 10".

From the Publisher: "Plants, as sessile organisms, spend their entire lives at the site of seed germination. To survive the very diverse stresses they will inevitably encounter, plants require a suite of strategies to respond to their environments. One key adaptation is the ability of most plant organs to grow in directions that are dictated by specific cues, such as light, gravity, touch, gradients in humidity, ions, oxygen, and temperature. This directional growth, or tropism, is believed to significantly contribute to plant survival.

Plant Tropisms reviews current research in this rapidly growing field. Chapters look at physiological, molecular, and cell biological processes that underlie plant tropisms. *Plant Tropisms* tracks the evolution of our conception of tropisms from simple laboratory curiosities to becoming important tools with which to decipher basic biological processes that are essential to plant growth and development in a variety of environments.

Plant Tropisms will provide a comprehensive, yet integrated, volume of the current state of knowledge on the processes that govern tropisms. This volume will be great use to researchers and professionals interested in plant molecular biology, cell biology, growth and development, and plant adaptation."—Gary L. Jennings, Librarian, Botanical Research Institute of Texas, 1700 University Drive, Fort Worth, Texas 76107-3400, U.S.A.